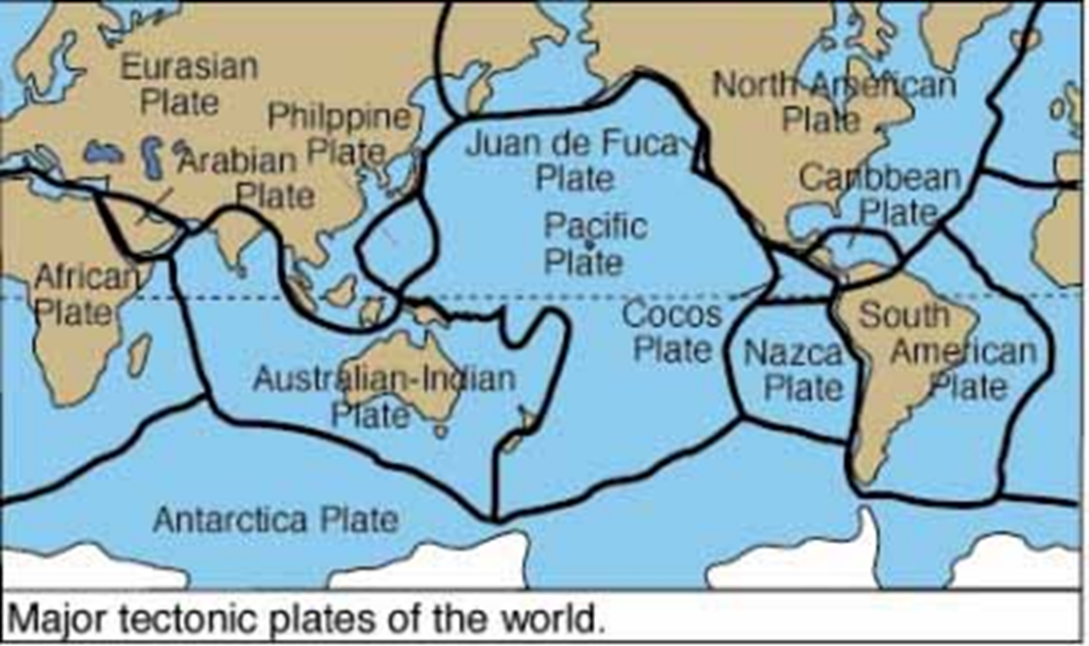
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Plate Tectonics

Questions for Section 2-1: Where Are the Volcanoes and Earthquakes?

1. Be able to define all of the vocabulary words found in your powerpoint. Unless you chose to, you do not have to define them in writing here. I would recommend writing them somewhere at some point.
2. What are the **3** major layers of the earth? How do they differ from each other?
3. What are the two types of crust?
4. What are the two layers that include mantle? How do they differ in composition and “behavior.”?
5. What is this picture outlining? Why are they important?



1. What is happening at a convergent plate boundary?
2. What are the three types of convergent plate boundaries and what are the plates doing? What is the result of each type of convergent plate boundary?
3. Compare and contrast magma and lava.
4. What is occurring at a divergent plate boundary? What is the result?
5. What is occurring at a transform plate boundary and what is the result?
6. Discuss the mid-oceanic ridge and why geologists consider it important.
7. Why are volcanoes more common underwater?
8. What are the tectonic plates doing at “the ring of fire?” Why is it called the ring of fire?
9. At what type of plate boundary do hot spots and sea mounts occur?
10. Discuss how a seismograph might work.
11. Contrast an epicenter and a focus of an earthquake.